Work Orde Tuesday, July 31,				*887					Page	1			
Revision ID:	D350-604-04 Rear Locker Ex		A	ccept	*N900	040	100)*	Setup	Start Stop	*N:	S1* S2*	•
Start Date: Required Date: 8 Reference:	7/31/2012 8/31/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item II Customer:	D:		·	7				
Approvals:	Process Plan		Date: /207-3/	Tooling: SPC (Y/N):		nte:				Start Stop	*N *N	R1*	
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp	
Draw Nbr	Revi	ision Nbr						•					
D2273 D350-604-041	F B		\cap							•.			
*100 *100* DC Document Control		DOCUMENT CONTRO Memo Photocopy	OL bluefile and create labels per	0.00 (\$\hat{AS}\$ 0.00 (\$\hat{15}\$ PPP D350-604-041 \$\hat{9}\$-85	Mada					115	-12/	08/0	19
			for D2273 rev.E (new gelcoar for D2273 rev.F (new primer)										
*110 *110* Purchasing Purchasing		Supplier: E Certification	n: D350-604-041 Rear locker Delastek. on of Conformity and process 6 Camlock stud - Ship to Del	sheet from Delastek is req							100	7-3	3/
		4 x 2600-1	LW Retaining washers - Ship	to Delastek B 12	524					.**			

NCR:	Yes	/ No				WORK ORDER NON-O	COI	NFORM	AANCE / UPDATI	E			
										•	QA Closed:	Date:	
Work Ord	er:					DISPOSITION			A	GAINST DEI	PARTMENT	/PROCESS	
Part I	۱o.					Rework Scrap Use-as-is Work Order Update		Therm	Machining Sn noforming F	osstube nall Fab inishing mposite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update	1	nitial	Action		Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Description	า	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved	•			:									
						F.	AUL	T CATE	GORY				
Landi		1				General		1_ '			1		٦
		Bending Centre No Cracks Crushed/C Cuffs Heat Trea	Crimped. t n Strip in		o/s	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		Instruct Mainte Mislabe Misread	on Incomplete ions Incomplete/Unclea nance led		Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Ripples in	Bend			Drill Holes	1	Offset				•	

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

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88728

Page 2

Tuesday, July 3	1, 2012 3:02	:43 PM									
Item ID: Revision ID:	D350-604-0	041		Accept	*N900	040	100)* s	Setup Start	*N	S1*
Item Name:	Rear Locker	Extender							Stop	*N	S2*
Start Date:	7/31/2012	Start Qty: 1.00	*1*		Cust Item I	D:					
Required Date:	8/31/2012	Req'd Qty: 1.00	*1*		Customer:						
Reference:			•								
Approvals:	Process Pl	an:	Date:	_ Tooling:	D:	ate:	_	F	Run Start	*N	R1*
	QC:		Date:	SPC (Y/N):	Da	ate:			Stop	*N	R2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty		Reject Number	Insp. Stamp
120		Receive & Inspect for Da	amage & Mat'l Certs	0.00					/ , .		
120		Packaging							12/8/	[
Packaging Packaging		Memo	ny of Cortification of Con	0.00 formity and process sheet:	From Dologtok is			•			
rackaging		attached.	py of Certification of Con	formity and process sheet	HOIII Delaster is						
									,		, ,
130		QC5- Inspect part compl	leteness to step on W/O	0.00	1						
130		•		16	deles					, .	
QC		Memo		0.00	1 71000						
Quality Control		Check hole	locations to template. DT	8824 Check process sheet	and audit.				.1.		•
							*		~ ·		
140		•		0.00						د کار دوره	
140									8		
Small Fab		Memo	•	0.00							·
Small Fab		INSTALL I	DECALS AS PER DWG						1	-	

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-C	10:	NFORI	MANCE / UPDATE		QA Closed:	Date:	
						DISPOSITION			AGAIN	ST DE	PARTMENT/		· · · · · · · · · · · · · · · · · · ·
Work Ord	er: _					<u></u>	,		·		, <i>,</i> , , , , , , , , , , , , , , , , ,		
Part I	No					Rework Scrap Use-as-is		1	Skid-tube Crosstu Machining Small F noforming Finishi	ab	3	Water Jet d. Eng. Coor. e/Packaging	Engineering Quality Other
NCR I	No					Work Order Update			Large Fab Compos	- T	Rec/stor	Supplier	Other
Root					Descri	ption of work order update	ı	nitial	Action		Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Description		Date	Verification	QC Inspector
Doc/Data	Ш							·					
Equip/Tooling	Ш												
Operator	Ш												•
Material	Ш												
Setup	Ш									•			
Other									•				
Process													
Supplier													
Training													
Unapproved							<u> </u>						
	·.					F.	AUL	T CATE	GORY				
Landi	ng Ge	ear				General		<u>.</u>			_		_
		Bending				Bend		Grain			Ovalized		Pressure/Forced
	\Box	Centre No	t Concer	ntric to	o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure
	\Box ^c	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorred	ct	Weld
	\Box c	crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/Unclear		Part Lost/Mi	ssing	Wrong Stock Pulled
	Щc	Cuffs		-		Contamination		Mainte	nance		Part Moved		
		leat Trea	t			Countersink	[Mislabe	led		Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish

Folio

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Work Ord Tuesday, July				*887					Page		
Item ID: Revision ID:	D350-604-0)41		Accept	*N900	040	100)* s	etup Star	1 71	S1*
Item Name:	Rear Locker	Extender			•				Sto	*N	S2*
Start Date: Required Date	7/31/2012 e: 8/31/2012	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:					
Reference:			•								
Approvals:	Process Pl	an:	Date:	Tooling:	Da	ıte:	_ 	F	tun Sta	I.Z	R1*
	QC:		Date:	SPC (Y/N):	Da	ıte:			Sto	*N	R2*
Sequence ID/ Work Center	ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*150 *150*		QC5- Inspect part comp	leteness to step on W/O	0.00 PAS	160/65						
QC		Memo		0.00	/v						

160

160

Quality Control

Packaging

Packaging

Memo

Memo

Identify and pack for shipping as per PPP D350-604-041
Location:
PPP Rev: Packaging

170

*17**0***

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

0.00

0.00

Quality Control

Page 3

												DQA:	Da	te:	
NCR:	Yes	/ No				WORK ORDER NON-	100	VFORM	MANCE / UPI	DATE		•			······································
									•		_(QA Closed:	Da	te:	
Work Orde	ar.					DISPOSITION				AGAINST D	ΕP	ARTMENT/	PROCESS		
WOIK OIU	=1.					Rework	1		Skid-tube	Crosstube	٦		Water Jet	\Box	Engineering
Part I	Nο					Scrap	1		Machining	Small Fab	\dashv	Proc	d. Eng. Coor.	ш	Quality
1 0101	10.					Use-as-is	1		noforming	Finishing	\dashv		e/Packaging		Other
NCR I	No.					Work Order Update	1		Large Fab	Composite	-	necy stor	Supplier	-	
							J				_1		0000000		
Root					Descr	iption of work order update	Π	nitial	Act	tion	T	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	ription		Date	Verificatio	n	QC Inspector
Doc/Data															•
Equip/Tooling															
Operator														,	
Material			i				1								
Setup			<u> </u>				ļ								
Other									•			İ			
Process											İ				
Supplier														1	
Training			·											,	
Unapproved															
						F	AUL	T CATE	GORY						
Landi	ng (Gear				General		-							
		Bending			<u></u>	Bend		Grain			(Ovalized		L	Pressure/Forced
	Ш	Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		(Over/Under	tolerance		Temperature/Cure
	\bigsqcup	Cracks				Broken/Damaged		Inspecti	on Incomplete		ال	Part Incorred	ct .		Weld
		Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/l	Unclear	- Ir	Part Lost/Mi	ssing		Wrong Stock Pulled

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Part Moved

Positioned Wrong

Power Loss/Surge

Other

Contamination

Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

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Tuesday, July 31, 2012 3:02:47 PM

Work Order ID: 88728

88728

Parent Item:

D350-604-041

D350-604-041

Parent Item Name: Rear Locker Extender

Start Date: 7/31/2012

Required Date: 8/31/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:Q03.12.01ReformatKJ/RF

12.02.07 AS PER ECN12-521 DD verf:JLM

IPP REV:R

IPP REV:S 12.04.04

AS PER DWG REV B DD VERE EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
		Manufactured	No				Each	36.0000		1 ()			
D2269									**	لای			
				Location		Loc	<u>Qty</u>	Loc Code					
				ST007			32		1		_		
					80011		20				_		
					86944		12				-		
				ST009			4				-		
					78920		4				_		
2600-6		Purchased	No			110	Each	391.0000	4	4			
2600-6 Camlock Stud									**	12/8/	9 14		-
Camiock Stud				Location		Loc	<u>Oty</u>	Loc Code					
				ST380	;		391				*		
					120077		8				_		
					121556		4				_		
					122317		34		£		-	:	
					122335		145		Y		_		

200

122441

									DQA:	Date:	
NCR: Ye	s / No				WORK ORDER NON-C	CONFORI	MANCE / UI		QA Closed:	Date:	
Work Order:	:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part No NCR No					Rework Scrap Use-as-is Work Order Update	- 1	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Initial	А	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Des	cription	Date	Verification	QC Inspector
Doc/Data											
quip/Tooling	╛			,							
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training]		·			1				
Unapproved								·			
		-				A	CORY				

FAULT CATEGORY **Landing Gear** General Bending Bend Grain Ovalized Pressure/Forced BOM/Route Centre Not Concentric to O/S Hardware Over/Under tolerance Temperature/Cure Broken/Damaged Cracks Inspection Incomplete Part Incorrect Weld Wrong Stock Pulled Crushed/Crimped. Burrs Instructions Incomplete/Unclear Part Lost/Missing Cuffs Contamination Maintenance -Part Moved Countersink Positioned Wrong **Heat Treat** Mislabeled Inspection Strip in Tube Cut Too Short Misread Other Power Loss/Surge Ripples in Bend Drill Holes Offset **Torque Waves in Extrusion** Drawing Out of Calibration Turning Sequence Finish Out of Sequence Wave/Twist in Tube Folio Outside Dimensions

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Tuesday, July 31, 2012 3:02:4	7 PM								Page 2
Work Order ID: 88728		*88	3728*						
Parent Item: D350-604-041			350-604-0	/1 *					
Parent Item Name: Rear Lock	er Extender	1 7	.).)(}~()(} 4+ ~(<i>}</i> :	4 1		St	art Date: 7	/31/2012	Required Date: 8/31/2012
						S	Start Qty: 1	.00	Required Qty: 1.00
2600-LW	Purchased	No		110	Each	515.0000	4	4	
2600-1 W Camloc Retaining Washer							**		42
S			Location	Lo	c Qty	Loc Code			,
			380		200				
			122452		200				
			ST380		312				<u> </u>
			121524		112			4	<u> </u>
			122317		200				
			ST381		1				
			121287		1				
			ST398 120648		2 2				
D350-604-041P	Purchased	No	120046	110	Each	3.0000	1	1	
*D350-604-04 Rear Locker Extender		1.0					**		88728 Ch
			Location	Lo	c Oty	Loc Code			
			CA		3				
			87193		1				
			87194		1				
·			87196		1				<u> </u>
D2268	Manufactured	No		140	Each	41.0000	1	$\frac{1}{2}$ 1.	<i>a</i>
D2268							**	12/81	19 SP
Decal	*			•					
			Location	Lo	c Oty	Loc Code			• .
			ST007		20				 .
	•		80010		20				<u> </u>
			ST009		21				* *

69592

NCR:	Yes	/ No				WORK ORDER NON-O	100	VFORM	AANCE / UPDA	ATE			
7											QA Closed:	Date	•
Work Orde	er:					DISPOSITION			•	AGAINST D	EPARTMENT	/PROCESS	
Part I	No.					Rework Scrap Use-as-is Work Order Update		f Therm	Machining noforming	Crosstube Small Fab Finishing Composite	┥	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update	Π	Initial	Actio	n	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Descrip	tion	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved		3	·										
						F	AUL	T CATE	GORY				
Landi	\Box	Bending				General Bend		Grain			Ovalized		Pressure/Forced
		Centre No Cracks Crushed/0		ntric to	0/\$	BOM/Route Broken/Damaged Burrs		4	re on Incomplete ions Incomplete/Und	clear	Over/Under Part Incorre Part Lost/M	ct	Temperature/Cure Weld Wrong Stock Pulled
		Cuffs Heat Trea Inspection		Tuhe		Contamination Countersink Cut Too Short		Mainte Mislabe Misread	led	-	Part Moved Positioned \ Power Loss	Wrong	Other
	Н	Ripples in	•	· ubc		Drill Holes	\vdash	Offset	•	L	الـ ١٠٥٥٥/	Juige L	Totalei

Out of Calibration

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



Certificate of Conformance

Solve Composites

29 Distribution Way

Plattsburgh, New York, 12901

USA

Dart Aerospace Order Number: 17583

Part Number: D2273

Quantity: 1

Drawing Number: D2273, DT8020

Serial Number (s): 0008

Date: August 8, 2012

8 Morlas

Non-Conformances: None

This is to certify that the parts identified above conform to all applicable drawings and/or specifications as evidenced by reports on file, and that all other

purchase order and quality requirements have been met.

Solve C	omposites	Platts Tel:	ution Way, Suite 101 burgh, NY 12901 (518) 324-3838 (518) 324-5530	Isometric View
	0/1/12	Project	NovaBus	
Date esin Batch #	HINER	Job	DART	
I-Coat Batch #	13380			
VA Drg No.	D2273 Rev. F	Serial #	C 308	
inel Ref.	350 REAR	LOCKER E	XTENDER	il de la companya de la companya de la companya de la companya de la companya de la companya de la companya de